

selectively programming a first phase of the injection procedure, the first phase comprising one of a contrast medium phase and a flushing medium phase;

selectively programming at least a second phase of the injection procedure, the second phase comprising one of a contrast medium phase and a flushing medium phase;

and

selectively programming a programmable pause phase of the injection procedure, the pause phase being programmed to occur between the first and second phases. --

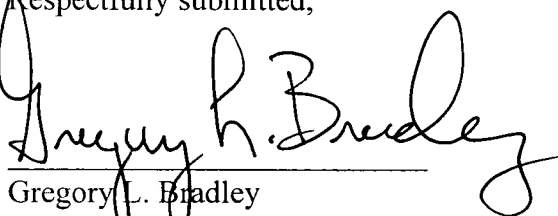
-- 23. The method of Claim 22 wherein the pause phase is programmable for a fixed duration of time.

#### REMARKS

Applicants hereby submit new claims 4-23 to more clearly define their invention. Applicants request the Examiner to enter the amendments before the examination of this application.

Date: January 14, 2000

Respectfully submitted,

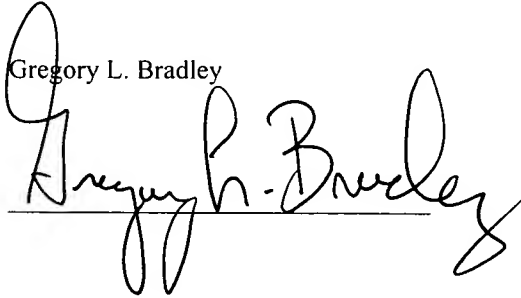
  
Gregory L. Bradley  
Reg. No. 34,099

Medrad, Inc.  
One Medrad Drive  
Indianola, PA 15051  
(412) 767-2400 x3021

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on January 14, 2000, with sufficient postage as first-class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Gregory L. Bradley

A handwritten signature in cursive script, reading "Gregory L. Bradley", written over a horizontal line.